The RARS EXCITER

RALEIGH AMATEUR RADIO SOCIETY
RARS
WORLDWIDE FRIENDSHIP

No 305, August/September 1995 - Repeaters: 146.64-, 444.525+, 444.95+ BBS: 772-9176

RARS-WEAR: THE HIT OF THE FASHION SEASON

The Raleigh Amateur Radio Society is now presenting its membership with the finest collection of logo sportswear available... as we introduce our line of RARS-wear. Amateur radio is a lifetime activity and this line of RARS-ware reflects the long term commitment that you and the club have made to this outstanding hobby.

All RARS-wear items are top-of-the-line products and carry the RARS logo embroidered (not silk-screened) into the garment guaranteed to provide you with years of attractive and durable service. The logo comes in three version; the one color outline version (as seen on THE EXCITER

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WHY A COMBINED ISSUE?

Based on my phone calls, computer messages, etc., a lot of you are wondering what happened to the August issue, or why this is a "combined" August/September issue.

There are several reasons. In short they were printing problems, travel, a kidney stone, and money savings.

Now for the long form:

continued on page 8

PUBLIC SERVICE EVENTS- FALL '95

Fall is just around the corner, the temperatures are falling (Yea, right!), the leaves are falling (lack of rain maybe?) and in general it is great weather for bicycle rides and walks through the park. As usual at this time of the year I am receiving phone calls seeking our expert skills in communications to assist the various organizations in running a smooth event. These are the events that are remaining for this year. I am waiting for a call from the Senior Olympics, but as of press time still no call. Their events are scheduled for the last week of September so we may be asked to assist.

Sept 23,24	MS Society 150 Bike Ride - Greenville, NC
Oct.. 1	American Diabetes Walk - Umstead Park
Oct. 8	Walk for Hope Angus Barn/Umstead Park
Oct. 15	Dix Hill Run - Dorthea Dix Hospital
" 13-22	American Red Cross - State Fair

You do not have to be a member of RARS to help. All you need is an HT, mag mount antenna and cigarette lighter adapter(in case you have to go mobile), and the desire to have fun (we really do have a good time).

Please contact me on the 64 Repeater or call me at home at 481-1102 if you can help us out or if you have any questions.

THANKS and 73,

Doug Sweet, AD4UL,
Public Service Director

The Raleigh Amateur Radio Society, Inc. (RARS), founded in 1969, has grown to be one of the premier radio clubs in North Carolina. Current membership is approximately 400.

The objectives of the club are to promote world wide friendship through Amateur Radio; to be of public service by providing radio communication in times of disaster, emergency, or civic need; to educate members in radio technique, and to assist in obtaining Amateur Radio licenses.

All persons interested in Amateur Radio, currently licensed or not, are eligible to apply for membership to the club.

Dues to the club are $18.00 per year (which runs from July 1 to June 30). Applications for membership may be obtained from any of the officers named below; from the newsletter editor, named on the facing column; or at any RARS Meeting.

Club meetings are held the first Tuesday of every month, 7:30 PM, at Forest Hills Baptist Church, on the corner of Clark Avenue and Dixie Trail, just off of Hillsborough Street.

In addition to the many social and special events, the club sponsors a 2 m repeater, W4DW, on 146.04/64 MHz. The club also sponsors repeaters on 223.04 / 224.64 MHz, 449.5 / 444.5 MHz, 449.95 / 445.95 MHz and a packet cluster node on 147.57 MHz. All repeaters cover Raleigh, and most of the surrounding Wake County area. The auto-patch on W4DW is now no longer closed and is open to all duly licensed amateurs.

1994 Officers:

President: Rick Merkle, KA3PSK
6412 Sassafras Lane
Raleigh, NC 27614
870-8268

Vice President: Bruce Buck KC4UQN
305 Hillstone Drive
Raleigh, NC 27615
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211 Dundalk Way
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Treasurer: Mike Murphy, WA4BPJ
7329 Barberry Court
Raleigh, NC 27615
847-4641

The EXCITER is published monthly by the Raleigh Amateur Radio Society, and is mailed at no cost to its members.

Letters to the Editor, technical articles, items of interest to the ham community and guest editorials are actively solicited.

Any article published in the EXCITER does not necessarily represent the views of, the Officers, Board of Directors, Editor, or Society Membership, nor does publication thereof represent concurrence by the Officers, Board of Directors, Editor, or Society membership with the contents of the article.

Articles will be printed at the discretion of the Editor, and no article will be published unless it is accompanied by the name(s) of the person(s) submitting the article.

All copy must be in the hands of the editor by the end of the Board of Director's meeting on the third Tuesday of each month. Articles submitted for publication may be hand or type written, an ASCII file on disk transmitted electronically via telephone modem, or on the ham bands using PACKET.

Ham related items for sale by the members will be advertised without charge for one issue, but may be re-submitted as often as desired. These ads must be non-commercial in nature.

Commercial ads will be run in return for the following donations to the club:

	Single Issue	Full Year
Business Card	$7.50	$75.00
Quarter Page	$11.25	$112.50
Third Page	$15.00	$150.00
Half Page	$22.50	$225.00
Full Page	$50.00	N/A

(Commercial ads must be of "camera-ready quality," and obviously can not be sent via ham bands.) Due to the reprographic process used, no color copy can be accepted.

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CompuServe: 73167,2050

SPECIAL SERVICE CLUB

Young Ladies' Radio League

AMSAT

CARY HAMFEST 1995: AND THE WINNER IS....

In 27 years of hamming, I've filled out a lot of hamfest ticket stubs. But then, I've *only* been going to hamfests for about 21 years, since a 13 year old doesn't have the means of travel and during my early "driving" years I was a church choir director and therefore otherwise occupied on Sundays.

During this period I have gotten quite used to filling out the stub and not having the foggiest notion of what the prizes are. I don't attend hamfests because I think I'm going to win a prize... I know enough statistics to be aware of the odds. However, at the RARS hamfest of 1975, I **did** win a handheld microphone, which was exactly what I needed to complement the mobile HF setup I was installing then.

With the memory of my "lucky" microphone long buried in the depths of my mind (unfortunately the mike was lost in one of the myriad of moves I've made since then), I had relegated myself to tossing the ticket in the barrel and promptly forgetting about it.

Thus it was at the Cary Hamfest. The Cary Hamfest is held annually on the hottest day of the year (it's in July, when EVERY day is the hottest day of the year). I remember it back from its early "swapfest" days in the park next to Cary High School, and there's not been a cool one yet (rainy, yes... cool,no). Still, it is popular and well attended because of its reputation of being a good hamfest and it's strategic location between the Charlotte and Raleigh hamfests in the spring and the Shelby and JARS fests in the fall.

Because of the heat, this hamfest PARTICULARLY rewards those who get there early. Even though now it's held in the beautiful (and air conditioned!) Cary municipal center, the outside flea marketers still swelter. By noon or so, only the most hardy of the outside exhibitors remain.

Attending this year with my father (KB4BPX, an inactive Novice) and with no major purchases my agenda, we decided to leave a little after noon. We had lunch and stopped for a time at the estimable Agri-Supply in Garner and then went back to my house.

On my answering machine there was a cryptic congratulatory message from Jeff, AC4ZO. He was

continued over > > >

SUNSPOT HINTS NEW CYCLE

Astronomers at the California Institute of Technology say they have identified the first new sunspot in the next sunspot cycle.

Scientists at Caltech's Big Bear Solar Observatory in Big Bear City, California, photographed the spot on August 12.

"This makes us happy," said Hal Zirin, professor of astrophysics at Caltech and director of the Big Bear facility. "The sun is a lot more interesting to study when things are going on."

Early in the 11-year sunspot cycle, sunspots appear rarely and at relatively high solar latitudes around 30 to 35 degrees, then increase in frequency and appear at lower latitudes until they reach sunspot maximum, Caltech said. After this peak in activity, the number of sunspots slowly declines, and they appear ever closer to the sun's equator until they reach a relatively quiet phase called sunspot minimum.

The sun has been in a quiet period through much of 1994 and this year, with a few spots showing up near the equator. The new sunspot found on August 12 appeared at a solar latitude of 21 degrees, and its magnetic polarity is opposite to that seen over the last decade, a key to identifying it as "the manifestation" of the start of a new cycle, Caltech said.

Scientists at Caltech said they expected an early beginning to Cycle 23, but not this early. "Sunspots in the new cycle should rapidly become more common and reach a high level of activity in 1998 or 1999," Caltech said.

***Note:** reports at press time indicated that, despite this phenomenon, NEXT year will still probably be the sunspot minimum... e.g., worse than this year. –Curt KD4YU*

from an ARRL Bulletin

HAM RADIO CLASSES START IN OCTOBER!

(see page 7 for details)

Copy and post the notice to let others know!

WINNER *continued from page 3*

not at all specific about the reason for the congratulations (intentionally as it turns out), so I was mystified. The Cary hamfest was the first hamfest where I had seen the latest edition of the ARRL's Operating Manual, and since I wrote the first chapter of this edition, I thought perhaps he was congratulating me on that.

Later, when I returned home from my Saturday evening's activities, I finally learned the real reason for the congratulations. There was another message on my answering machine, this time from Will, K4IWW, who told me I had won the Grand Prize at the Cary Hamfest. Will didn't say what the prize was, and it was too late to call him.

Remembering the modest days of the early Cary Swapfests, I though it was a 2 meter FM rig, or perhaps even a all-mode 2 meter rig or duo-bander. That would be great, since although I have a duo-bander in the car, it would be nice to have 440 in the house... or, I've never worked 2 meter SSB or CW, so that would be interesting as well.

I finally reached Will on early Sunday afternoon. The Grand Prize at the Cary hamfest wasn't a duo-bander or even an all band 2 meter rig, it was a full featured HF rig with AC power supply, the Icom IC-728 with the PS-55. The Icom IC-728 is small enough to be a mobile rig, and in fact renown mobile/emergency operator Gordon West WB6NOA says it is his favorite mobile HF rig. Yet with a complete general coverage receiver, etc., it has enough features to be at home in the shack. Needless to say, I was VERY happy to have won this excellent rig.

It turns out that the Cary Hamfest has been my preferred location for obtaining an HF rig. The Kenwood TS-940SAT I own currently was purchased at Cary in 1988 and I purchased a Kenwood TS-820 at the Cary Swapfest in 1988. So I am accustomed to having a new HF rig after a Cary Hamfest... however, usually I have to pay for it.

Although I have been thinking for getting back into HF mobile for some time, with a vehicle change very possible in the next year or so, now doesn't seem to be the best time to consider it. And as good a rig as the 728 is, my big 940 is one of the ultimate fixed station HF rigs, at least in the under multi-kilobuck range. (It's not that I don't like Icoms... I've owned several in my ham career and have a couple right now.)

I've been wanting to get an amplifier and put up a tower and big HF beam, so I can finally get the DXCC that I have ignored for so long. (Yea, I need a beam and an amp... my time and patience is limited.) So I thought that if I sold the 728 and power supply, I could use that money for a tower, beam and amplifier, especially if I shopped carefully for used gear as I usually do (both my purchased Cary HF rigs were both in the "previously owned" category). OK, I'll probably have to add some money to the pile, but what a way to start my "antenna account."

(By the way, as a note to young hams: Be aware that it is an FCC rule that all monies obtained in ham trading. etc. MUST be re-invested in amateur radio equipment. Failure to follow this rule can get your license suspended!)

So "for sale" notices were posted on several BBSes, Fidonet, Usenet, CompuServe and GEnie. Soon I had the responses coming in and ultimately a relatively new ham in Pennsylvania made the winning offer. (For those interested, I had more responses from CompuServe than any other posting area.) UPS took the rig away and soon brought me back a check. I've already found a great HF beam and am looking at towers and tower sections.

Thank you Cary Hamfest and thank you to the Cary club for sponsoring it. Hamfests are enriching to the Triangle area and I have found the Cary Hamfest especially enriching. Having been a winner in 1975 and 1995, I guess I'll be due again in 2015.

In the next few months, a tremendous new beam (OK, used, but new to me) will be swinging in the air above my humble abode. With it and an amp I'll rain RF terror on all my neighbor's TV sets and hopefully into a few foreign countries. I'll dedicate my DXCC to the Cary Hamfest.

Curt KD4YU/AE

THE RARS NET meets nightly at 8PM on the 146.64 MHz RARS repeater.

5CRG ATV REPEATER

The new 5CRG ATV repeater is underway. The initial coordination work has been completed and processed by SERA. The initial frequency request was for 427.25 as the ATV repeater output (cable channel 58), 910.25 AM video/FM audio input, 1277.25 FM video/audio input, and 147.45 PL 88.5 aux. simplex audio input.

After a 2 1/2 month wait, SERA refused the coordination of 427.25 as an ATV repeater output. They stated that the requested frequency was an ATV simplex frequency under the new SERA bandplan, couldn't be coordinated...but was probably OK to use (??). SERA has only one ATV repeater output and _NO_ repeater inputs under the new bandplan. The only 70 CM ATV repeater output in the current SERA bandplan, 421.25, is unacceptable since the TATVA repeater is on this frequency. SERA has, however, coordinated 427.25 to other groups in other areas. I was in contact with the ATV technical director in Georgia this week on the matter. He had heard nothing of my requests for ATV, and said that all ATV requests were supposed to come through him. He mentioned similar problems in other SERA states and in the western end of NC, where ATV requests are turned down that never make it to him. _HIS_ ATV repeater has an output on 427.25..... I have sent him a copy of all SERA correspondence on this matter and he is going to look into it.

Considering that, under the new SERA bandplan, ATV lost 439.25 completely (the _most_ popular ATV simplex and repeater input frequency in the US!), lost _ALL_ in-band 70 cm repeater inputs, and now has only one co-ordinatable repeater output...it sure looks to me as if this mode is getting pushed right out of the local bandplan. Why?? Ummm...for more packet space and 17 new FM voice repeater pairs...oh yeah...

There is a possibility of a change in the 23 cm frequency, as the SERA technical director mentioned an alignment of 70 cm/23 cm ATV pairs that were in the plan, but unpublished for some reason.

The 147.45 simplex coordination/audio input frequency was also refused by SERA...they said it

continued on page 6

HURRICANE RADIO INFORMATION FILE

Following is a list of short wave frequencies worth monitoring for the latest hurricane information, especially those in or near the Gulf of Mexico. All require a short wave receiver with BFO for single sideband reception.

AMATEUR RADIO NETWORKS

MHz	Net Name
3.862	Mississippi Emergency Net
3.935	Central Gulf Coast Hurricane Net (0100Z)
3.940	Florida Hurricane Net
3.943	West Gulf Emergency Net
3.955	South Texas Emergency Net
3.965	Alabama Emergency Net
7.268	Central Gulf Coast Hurricane Net (day frequency)
7.290	7290 Net
14.313	Maritime Mobile Service Net
14.325	Hurricane Information Net (#1 choice for info)

GOVERNMENT NETWORKS

MHz	Frequency Use
4.430	Coast Guard Tropical Storm Bulletins
6.508	Coast Guard Tropical Storm Bulletins
7.507	Hurricane network
8.767	Coast Guard Tropical Storm Bulletins
9.380	Hurricane network
13.115	Coast Guard Tropical Storm Bulletins
13.260	Hurricane network

WWV WEATHER BULLETINS

2.5, 5, 10, 15 and 20 MHz
Weather bulletins at 8, 9 an 10 minutes after the hour

WEATHER TELETYPE

4.0615 MHz	8.140 MHz
13.624 MHz	18.675 MHz

Thanks to the D/FW Frequency List for some freqs. Additions, changes and questions are welcomed. Send them via STARTEXT, or via the TEXNET Packet Message Server.

Rich Casey, N5CSU
relay from TEXNET de KF5ZC
more frequencies over > > > >

Frequencies of interest during hurricane season

03815.0 Inter-island 75 meter frequency (24 hour/day watch)
03815.0 LSB Antigua / Antilles net
03818.0 Antilles net
03915.0 South Carolina Emergency NET
04270.0 FAX pictures from CFH Halifax
04429.0 USCG broadcasts from NMN Portsmouth VA **
06330.0 FAX pictures from CFH Halifax
06673.0 Aircraft NOAA43
07165.0 Inter-island 40 meter frequency (24 hour/day watch)
07165.0 LSB Antigua / Antilles net
07232.0 South Carolina Emergency NET
07243.0 South Carolina Emergency NET
08080.0 FAX pictures from NMN
08765.0 USCG broadcasts from NMN Portsmouth VA **
08765.0 Health and Welfare traffic
08993.0 USB Air Force and Coast Guard
10536.0 FAX pictures from CFH Halifax
11245.0 Gull calling Teal (Macdill AFB Tampa)
11246.0 Hurricane Hunter Gull 15
11249.5 Gull 17 heading home calling Macdill
13113.0 USCG broadcasts from NMN Portsmouth VA **
13245.0 USB Antigua / Antilles net
13510.0 FAX pictures from CFH Halifax
14150.0 Ham net
14275.0 Ham net (IARN)/Red Cross
14283.0 Caribus NET (+/-3 khz. during QRM)
14283.0 Health and Welfare traffic
14303.0 Health and Welfare traffic
14313.0 The Maritime Mobile Net
14316.0 Health and Welfare traffic
14325.0 Hurricane Watch Net (Hams + Natl Hurricane Ctr)
14375.0 Ham net
17307.0 USCG broadcasts from NMN Portsmouth VA **
18019.0 Gull calling Teal (Macdill AFB Tampa)
21310.0 Health & Welfare In Spanish
28450.0 Health & Welfare In Spanish

USCG weather broadcasts occur at:
0400 0530 1000 1130 1600 1730 2200 2330 UTC

Hurricane hunter aircraft:
6673.0 11398.0 13354.0 21937.0

Amateur Emergency Nets in Hurricane Areas
frequencies in kHz - Mode: USB or LSB

Alabama	3695.0
Antilles	7165.0
Southern LA	7245.0
Baja	7235.0
Belize	3935.0, 7250.0
Bermuda	14275.0
Caribbean Emergency	14185.0
Caribbean Maritime Mobile	7115.0(1200Z)
Caribean WX	3808.0(1030Z)
California WX	3948.0(1400Z)
Georgia	3975.0
Gulf Coast Central Hurr.	3935.0 7245.0
Gulf Coast West Hurr.	3845.0 7260.0
Gulf Coast (Outgoing only)	3967.0 7283.0
Gulf Coast WX	3995.0 7290.0
Gulf Coast Health and Welfare	3993.5 7264.0
Interamericas H&W	21390.0
Lake Charles, LA	3993.5 7264.0
Louisiana	14340.0(1900Z)
Manana	7070.0
Mexican National	3987.5
Mississippi ARES	3923.0 3910.0
North Carolina	3915.0
South Carolina	3915.0
South Texas Emergency	3955.0
Texas Emergency	7240.0 7250.0
Texas Traffic/H&W	3691.0 7290.0 day
	3910.0 night
Transatlantic Maritime Mobile	21400.0
Waterway	7268.0

Whenever a hurricane is within 300 miles of land in the northern western hemisphere, the Hurricane Watch Net is operational on 14.325 USB MHz. The Hurricane Watch Net provides communication between the National Hurricane Center and the affected areas.

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ATV REPEATER ***continued from page 5***

was a possible voice repeater input and therefore couldn't be coordinated....and I thought I _WAS_ asking for that very application...go figure.

I think coordination is more work than building the repeater :-)...

Back on topic...Meanwhile work continues on the repeater. I currently have an ATV Electronics transmitter, 2 PC electronics RX's, a VS-100 controller, power supply, hardline, and stacked bigwheels. I'll hold my breath for a while longer to see what SERA says about the coordination items, otherwise it will go on soon on : 427.25 output (channel 58 CATV). 910.25 AM input and 1277.25 FM inputs, and aux audio on 147.45 pl 88.5.

I am looking for a continuous Class ABish type amp at 100 watts or so for the PA, and would like to replace the ATV Electronics TX with a Cable TV Head End modulator on 427.25. Does anyone out there have leads on such??

73 de WB4IUY

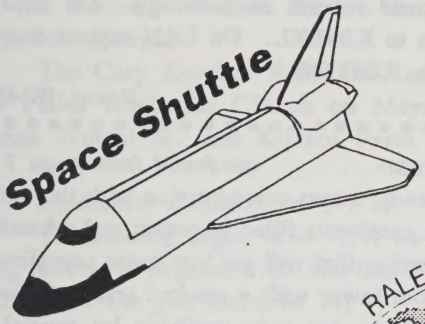
● ●

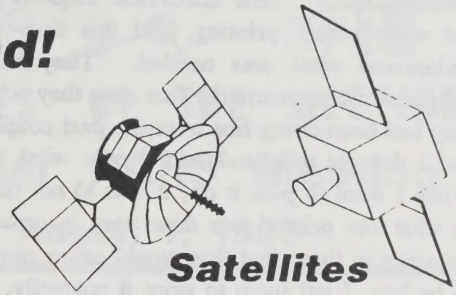
DISCOVER HAM RADIO

Amateur Radio License Classes

Talk to Hams around the world.

And Beyond!

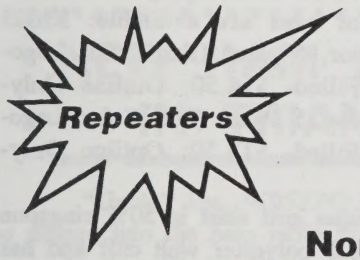


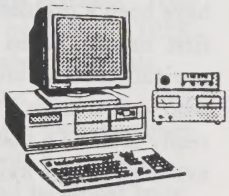


RALEIGH AMATEUR RADIO SOCIETY

RARS

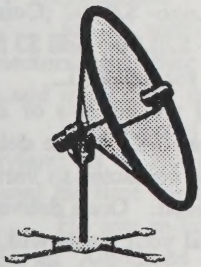
WORLDWIDE FRIENDSHIP

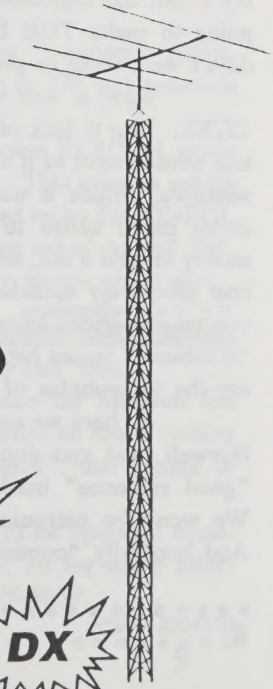




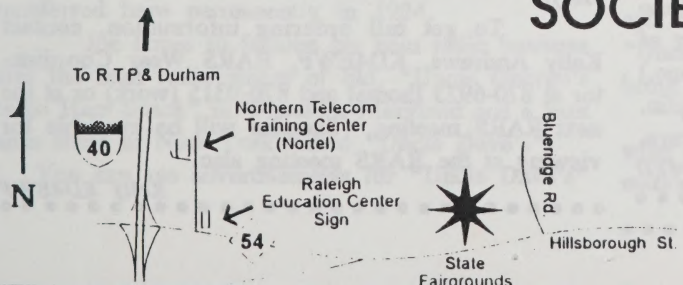
Northern Telecom Training Center
October 2nd - November 9th
Monday & Thursday Evenings
7:30 - 9:30
Novice & Technician (Code & No code)

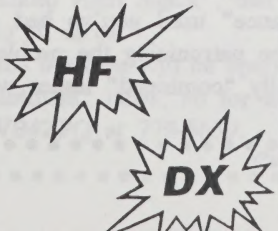
For information, please call:
Lynn Pitegoff - KO4QH - 787-1111
or
Mike Murphey - WA4BPJ - 847-4641





RALEIGH AMATEUR RADIO SOCIETY





COMBINED ISSUE? *continued from page 1*

Several months ago, a problem at our usual printer forced us to seek another printer. The new printer offered us a faster "turn-around" time, so we continued to use the new printer.

However, when the August issue was submitted to the printer, there was evidently a "failure to communicate." *THE EXCITER* requires some layout work before printing, and this time they didn't understand what was needed. They had made a couple of minor errors the first time they printed it, but they had been doing fine over the past couple of issues and I thought they understood now what we needed. When I went to pick it up, it was a) not finished and, b) what was printed was done very incorrectly. After stressing to them that this would cause our newsletter to be late, I left them to print it correctly.

For a couple of days more I was out of town and didn't stop by to pick it up (the travel wouldn't have been a problem if it had been printed properly the first time). Then a kidney stone decided to begin navigating about around my innards. For those of you who don't know, much of the time a kidney stone really INSISTS that you pay attention to it. If you can avoid getting a kidney stone, I highly recommend it.

So it was over a week later when I finally went back to get *THE EXCITER*. It wasn't printed. In fact, they weren't even planning on printing it. In my wrath and expressions of how late their error was going to make THE EXCITER, they had thought I didn't want them to print it.

Now it was very late to get out *THE EXCITER*. Due to lack of input from the membership, I had written most of it and most of it wasn't really time sensitive. Since it wasn't printed, it didn't seem to make much sense to spend printing and postage money to send it out, when all of the info could be more cost effectively included in a "combined" edition. If you've subscribed to many magazines, you know that "combined" issues happen even to the *big boys*. Such are the vicissitudes of the printing world.

So here we are. My kidney stone has bid me farewell (and you don't really know the meaning of "good riddance" until you've had a kidney stone.) We won't be patronizing the problem printer again. And hopefully "combined" issues will be very rare.

Curt KD4YU

PBBS IN EAST WAKE

The KE4YOA-1 PBBS in Eastern Wake County in now on-line on 147.54 with links to the "world" via N1GMV. If you can't connect direct, try digi KQ4MS or KQ4MS-7 Node. Also try the KE4YOA digi and maildrop on SEDAN on 145.77.

All of this is a service of the EAST Wake Communications Association. Everyone is welcome to use and send reports on coverage. On SEDAN direct reports to KB4EXL. On LAN reports may be addressed to KE4YOA.

Ronny WA4MJF

RARSwear- *continued from page 1*

mast head); a two color version with the outline logo and the continents filled in green; and a beautiful five-color version that will get you more compliments that a 150 foot tower with a stacked array of beams. RARS-wear items are only available by special order; the club with NOT be inventorying these items.

Two types of caps are available: Khaki Crown with Navy visor, 6 panel (Full Color Logo- $17.50; Continents Filled- $14.50; Outline Only- $12.50) and Solid white, 5 Panel (Full Color Logo- $16.50; Continents Filled- $13.50; Outline Only- $11.50).

The white pique golf shirt is 50% ringspun combed cotton and 50% polyester welt cuff and has a two button inset placket and bottom hem. For sizes S-XL the prices are, Full Color Logo- $25.00 ;Continents Filled- $22.00 ;Outline Only- $20.00. Add $3 for size XXL, $4 for XXXL and $6 for XXXXL.

Orders will be held until we get lots of 24; hopefully this will only take 2-4 weeks. If the delay is longer than 45 days, you will be contacted to verify that you still want your order entered. Once delivery is received, you will be phoned and your items will be available for pick-up at the next regularly scheduled RARS meeting or at my home (near the .64 repeater site).

To get full ordering information, contact Kelly Andrews, KD4EWF, RARS Wear Coordinator at 870-6923 (home) and 870-0315 (work) or at the next RARS meeting. Samples will be available for viewing at the RARS meeting also.

Kelly KD4EWF

SEPTEMBER 28: SKYWARN TRAINING

The Cary Amateur Radio Club will host a Severe Weather Spotter (a.k.a. Skywarn) training session at it's regular club meeting Thursday evening, September 28, 1995. Come hear about severe weather and how the Amateur Radio community can assist the National Weather Service during severe weather conditions.

The Cary Amateur Radio club meets at the White Plains Methodist Church on Maynard Road (between Walnut St. and Kildare Farm Road), in Cary.

Directions available on 147.15.

The meeting begins at at 7:30; we expect the training session to begin at 8:00, and that it will run at least 2 hours. See you there, es 73,

Jim Weathers, N4RSE
weather@ibm.net

NEW HAM STORE IN TRIANGLE

"Uncle" Joe, WB5ZPQ in Garner has made the plunge into the ham radio business with his new store, Amateur Radio Electronics, home of "Uncle Joe's Ham Shack".

Joe is starting out selling antennas, coax, connectors and other general ham radio supplies and will add other ham radio products as demand grows.

Joe was first licensed in 1964 as KN3FIM in Maryland as a Novice, but marriage and children reduced his time for the hobby and his ticket expired.

He was re-licensed in Texas in 1975 and now holds an Advanced Class license. After several temporary assignments in Raleigh (including participation in the 10 meter "Sir Walter Raleigh Net"), he transferred here permanently in 1984.

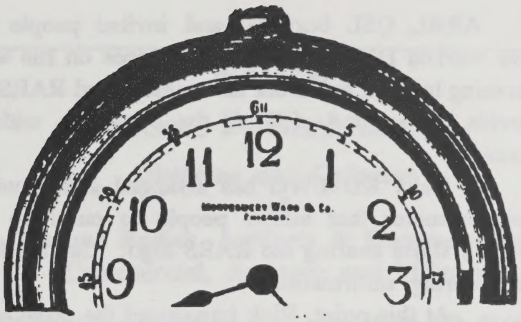
Joe hopes to fashion his ham radio business after the ham radio stores of old, "Uncle George's Radio Ham Shack" in Wheaton, Maryland and a ham radio store in New York called "Uncle Dave's".

You can see advertisements for "Uncle Dave's" in QST magazines from the '50s and '60s.

Joe says, "I plan to make my business fun and enjoyable. I enjoyed and learned so much visiting "Uncle George's Radio Ham Shack", that I want to bring that feeling to all of us."

For now the business will be operated somewhat on an "appointment" basis, so for more information, call Joe WB4ZPQ at 779-5659.

Curt KD4YU



MINUTES OF THE MEETING

Regular RARS Meeting

August 1, 1995

The regular meeting of the Raleigh Amateur Radio Society was held on August 1, 1994 at the Forest Hills Baptist Church on Clark Avenue. The meeting was called to order at 7:46p by Rick KA3PSK and was attended by 96 members and 13 guests.

Lynn KO4QH announced that the RARS fall class will meet on Monday and Thursday evenings this year. The first night of class will be October 2. The classes will be held at the Nortel technical training center. Flyers are being distributed.

Rick brought the sad news of the death of Jim, WA4WHB, who was a member of the Cary club but had many friends in RARS.

Mike WA4BPJ gave the Treasurer's report, and said that RARS membership is 278 and renewals are well under way.

Rick announced that Bruce KC4UQN needs help organizing the RARS picnic. This event is scheduled in October, and will be headed up by Pat KE4FCJ. People wishing to volunteer were asked to call Pat.

Jeff AC4ZO said a few words about the

continued over > > > >

ARRL QSL bureaus, and invited people who have worked DX but have no envelopes on file at the incoming bureau, to fill out an envelope and RARS will provide the service of filing the envelopes with the bureaus.

Kelly KD4EWG has arranged a deal with a local promoter that allows people to purchase hats and golf shirts bearing the RARS logo. Contact Kelly for ordering information.

At this point, Rick introduced the speaker for the evening: Gary, KN4AQ. Gary spoke on the history of the two meter ham band, and basic operating practices.

Door prizes went to: WD4KSE, KE4JRO, and KD4ACW.

The meeting adjourned at 10:02p.

Jeff Wittich, AC4ZO
Secretary

RARS Board Meeting

July 18,1995

The monthly Board meeting of the Raleigh Amateur Radio Society was held at the Forest Hills Baptist Church on July 18. The meeting was called to order by KA3PSK at 7:26p. Members present were: KD4ACW, KN4AQ, WA4BPJ, KM4BU, KB4MDZ, WA4PEN, KA3PSK, KC4UQN, KD4YU, and AC4ZO.

The May minutes were approved on motion by WA4PEN, seconded by KD4ACW.

In his VP report, KC4UQN said that the program for the August meeting has not been finalized yet, but may be a discussion of the RARS bulletin board service. Bruce also said that he is having trouble getting volunteers to organize the RARS picnic.

WA4BPJ gave the Treasurer's report, and said that RARS membership is 256.

KC4UQO Bill, gave the final Field Day report. He is about to submit the entry, and will be claiming 9,902 points.

KB4MDZ reporting from the repeater support group said that there has been significant progress made in solving the interference problem on the .64 machine. He reports good cooperation from Sprint Cellular in assisting with the trouble-shooting.

The Board accepted the nominations of KC4UQO for 1996 Field Day Chairman, and WA4MJF as 1996 RarsFest Chairman with KD4ACW as Co-Chair. These nominees still need to be elected by the general membership.

On motion by AC4ZO the meeting adjourned at 8:22p.

Respectfully submitted,
Jeff Wittich, AC4ZO - Secretary

Regular RARS Meeting

July 4, 1995

The regular meeting of the Raleigh Amateur Radio Society was held on July 4, 1995 at the Forest Hills Baptist Church on Clark Avenue. The meeting was called to order at 7:32p by Jeff AC4ZO and was attended by 42 persons.

Lynn KO4QH announced that the RARS fall class will meet on Monday and Thursday evenings this year. The first night of class will be October 2. Also volunteers will be needed to distribute flyers for the class when they are available.

Mike WA4BPJ gave the Treasurer's report ,and said that RARS membership is 403.

Jeff then introduced Bill, KC4UQO, who presented the program for the evening: A review of Field Day, featuring a video by KN4AQ.

Door prizes went to: KC4UQO and KD4JMN.

The meeting adjourned at 9:02p.

Jeff Wittich, AC4ZO
Secretary

RARS Board Meeting

June 20,1995

The monthly Board meeting of the Raleigh Amateur Radio Society was held at the Forest Hills Baptist Church on June 20. The meeting was called to order by KC4UQN at 7:17p. Members present were: KD4ACW, KM4BU, K4HF, KB4MDZ,

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5/95

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Res. (919) 787-0603
Johnson, Mercer, Hearn & Vinegar, PLLC

WA4PEN, KO4QH, AD4UL, KC4UQN, KD4YU, and AC4ZO.

The May minutes were approved on motion by KM4BU, seconded by WA4PEN.

AC4ZO gave the Treasurer's report in the absence of WA4BPJ.

In his VP report, KC4UQN said that the program for the July meeting will be a synopsis of Field Day by Bill, KC4UQN, and perhaps video footage.

Under new business, WA4PEN requested a status report on the progress of the tower installation for the packet cluster at KA3PSK. AC4ZO gave a brief status report.

KO4QH, chairperson of the education SIG reports that she is getting requests from various organizations for presentations on ham radio. These are being handled by volunteers, and the effort is being coordinated by Lynn.

WA4PEN brought to the board his concern about the need for a club historian. After discussion, a motion was made by WA4PEN, seconded by KB4MDZ, to create the position of, and begin the search for a person to fill the position of RARS Historian. This would be an appointed position. Motion carried.

AC4ZO brought to the Board a members concern about alcohol being used at RARS functions. After lengthy discussion, a motion was made by KD4ACW ,seconded by AC4ZO that the Board pursue membership feelings on alcohol at RARS functions. The motion was defeated by vote.

Another item discussed under new business was the RARS BBS. Some members report having trouble with it and think that it could be made to better serve the membership. The disposition of the item was that KD4YU, Curt, would work with MMS administrators to make the facility more ham-friendly.

On motion by KB4MDZ, seconded by KD4ACW, the meeting adjourned at 9:06p.

Respectfully submitted,

Jeff Wittich, AC4ZO
Secretary

Amateur Radio - A National Resource

Raleigh Amateur Radio Society, Inc.
P.O. Box 17124
Raleigh, NC 27619

Address correction requested.

09/01/95 PM RAL NC 276 #2

First Class Mail

6/30/96

Calendar of Events: September 1995

Sept. 2,3:	SHELBY HAMFEST, Shelby, N.C., info, Alan AB4OZ, 787-1111
Sept. 5:	**Regular RARS meeting; 7:30PM, Forest Hills Baptist Church**
Sept. 13:	**RARS VHF/UHF SIG meeting, info, Woody, KJ4SO, 848-1844**
Sept. 14:	Triangle Amateur TV Assoc., info, Brian, KD4BFJ, 554-1279
Sept. 14:	Information Highway Users Group, info, Curt KD4YU, 772-0207
Sept. 16	Fallfest, South Boston, VA, info, Alan AB4OZ, 787-1111
Sept. 18:	**Scanner/Shortwave Listening SIG, info, Curt KD4YU, 772-0207**
Sept. 19:	**RARS Advisory Board meeting, 7PM, Forest Hills Baptist Church, All RARS members welcome.**
Sept. 23-24:	Hamfest and Computer Fair, Virginia Beach, VA, info, Alan AB4OZ, 787-1111
Sept. 26:	**RARS Crystals Dinner meeting, info, Liz, KO4CK, 387-9152**
Sept. 28:	**SKYWARN Training, see page 9 for info**

OCT. 2: RARS HAM CLASSES START!!! see page 7 for details

Oct. 22	2nd Annual Ol-Fashun Hamfest & BBQ, Monroe, NC, info, Alan AB4OZ, 787-1111
Nov. 19	JARSFEST, Hamfest, Benson, NC, info 894-3352, 894-3100 or 894-5479